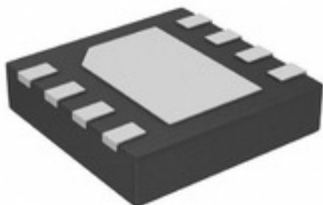


MCP1727T-3002E/MF



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MCP1727T-3002E/MF](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 3V 1.5A 8DFN

Data sheet:  [MCP1727 Product Brief](#)
 [Portable Power Conversion Design Guide](#)
 [MCP1727 Datasheet](#)

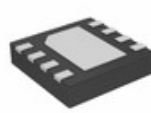
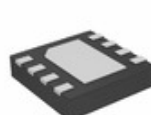
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCP1727T-3002E/MF	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 3V 1.5A 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	87266 pcs	Data sheet	MCP1727 Product Brief Portable Power Conversion Design Guide MCP1727 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.55V @ 1.5A
Voltage - Output (Min/Fixed)	3V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	8-DFN-EP (3x3)
Series	-	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)
Packaging	Tape & Reel (TR)	Package / Case	8-VDFN Exposed Pad
PSRR	60dB (100Hz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MCP1727T-3002E/MF-ND MCP1727T-3002E/MFTR
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 3V 1.5A 8-DFN-EP (3x3)	Current - Quiescent (Iq)	220µA
Current - Output	1.5A	Control Features	Enable, Power Good
Base Part Number	MCP1727		
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	Part#: MCP1727T-1202E/MF Description: IC REG LINEAR 1.2V 1.5A 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1754ST-1802E/DB Description: IC REG LDO 1.8V 0.15A SOT223-3	Manufacturers: Microchip Technology	RFQ
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	Part#: MCP1727T-2502E/SN Description: IC REG LINEAR 2.5V 1.5A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1727T-2502E/MF Description: IC REG LINEAR 2.5V 1.5A 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP1754ST-1802E/MB Description: IC REG LINEAR 1.8V 150MA SOT89-3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1727T-0802E/MF Description: IC REG LINEAR 0.8V 1.5A 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1727T-5002E/SN Description: IC REG LINEAR 5V 1.5A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP1727T-1202E/SN Description: IC REG LINEAR 1.2V 1.5A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

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